

~~availability of heavy metals in substrates such as soils or culture solutions.~~

Abstract of the Disclosure
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A process for reducing plant availability of heavy metals in substrates such as soils ^{where} ~~is characterized in that~~ the substrates are treated with cross-linked polymethacrylates. The poly(meth)acrylates can be worked into the soils.

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- Fig. 1 Transpiration (Pinus sylvestris)
Behandlungen = treatments
- Fig. 2 Assimilation (Pinus sylvestris)
Behandlungen = treatments
- Fig. 3 Lead absorption (Pinus sylvestris)
Pb-Gehalt (mg/kg Wurzel TG) = Pb content (mg/kg of root
dry weight)
Behandlungen = treatments
- Fig. 4 Cadmium absorption (Pinus sylvestris)
Cd-Gehalt (mg/kg Wurzel TG) = Cd content (mg/kg of root
dry weight)
Behandlungen = treatments
- Fig. 5 Kontrolle = Control
Bleigehalt . . . = Lead content in the cell wall
(mmol/dm³)
- Fig. 6 Root stock of spruce grown in lead-contaminated soil
treated with Stockosorb (left) in comparison with
untreated control (right)